

## PROJECT OVERSIGHT REPORT

Commercial Vehicle Information System and Networks (CVISN)  
Department of Transportation (DOT)

Report as of Date:  
March 2002

**Project Director:** Tim Erickson  
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**Executive Sponsor:** Brian Zeigler

**Description:** The Commercial Vehicle Information System and Networks (CVISN) pilot project, initiated in August 1998, represents the State of Washington's participation in the Federal Highway Administration's Intelligent Transportation System/Commercial Vehicle Operations (ITS/CVO) plan. CVISN will provide the underlying technology architecture for CVO information systems. It will provide standards and protocols for data exchange, communications with national CVO clearinghouses, and system modules for functions that are common for all states. CVISN requires the cooperation and teamwork of three state agencies: the Department of Transportation (DOT), the Department of Licensing (DOL), and the Washington State Patrol (WSP). DOT is the project lead.

**Technology:** CVISN provides the ability to weigh vehicles in motion, automatically clear those that meet state transportation standards, and check vehicle licenses and permits against state records. It also provides private sector commercial vehicle owners with the ability to electronically purchase licenses and permits. This is accomplished through electronic interfaces with legacy systems at DOL, WSP, and DOT.

**Life Cycle Stage:** CVISN is in the production stage. Deployment continues. CVISN has now been deployed at the Ridgefield and Bow Hill Ports of Entry, Tacoma, Cle Elum and Stanwood Bryant. Plans are to deploy at both of the Federal Way sites and Everett. The credentialing interface has been deployed by DOL and it is working well. Approximately ten percent of truck license registration and taxes are processed via the Internet.

**Budget:** CVISN remains under the projected project budget. CVISN received \$1,533,000 in the 2001-03 Transportation Budget. DOT had intended to deploy CVISN at five weighstations this biennium, but funding will only allow for deployment at three sites. A further deployment slow down may be driven by cuts to the supplemental 01-03 transportation budget. Projected costs for deploying CVISN have been identified at \$555,000 per site (14 sites total), \$694,000 for electronic credentialing, \$500,000 for CVIEW/ROC refinement and operations, with the remainder for system support and maintenance.

On December 10, 1999, the ISB approved the CVISN project with a project cost of \$6.6 million. This amount is based on the analysis of project costs completed by DOT.

### Schedule:

- |   |                          |
|---|--------------------------|
| • Project initiation                      | June 1996/ Complete      |
| • Feasibility study                       | January 1997/ Complete   |
| • Proof of Concept/pilot initiation       | August 1998/ Complete    |
| • Safety Net interface complete           | September 1999/ Complete |
| • Credentialing interface initiation      | December 1999/ Complete  |
| • SAFER Clearing House interface complete | October 2000/ Complete   |
| • Credentialing interface completion      | December 2000/ Complete  |
| • Site deployment                         | Through 2004/ Started    |
| • Project completion                      | October 2004             |

**Status:** The project completed the applications on schedule. Deployment of the planned sites continues, but has been delayed per the comments in the budget section above.

## **Project Statistics:**

### **Safety**

An evaluation of the safety benefits of the national CVISN Program was conducted by Battelle, of Columbus, Ohio, and provided to the U.S. Department of Transportation in March of 2001. The projected findings, as reported on an annual basis, are as follows:

<i>Crashes <u>avoided</u> due to CVISN Roadside enforcement Out of Service orders</i>	<b>589</b>
<i>Injuries <u>avoided</u> due to CVISN Roadside enforcement</i>	<b>181</b>
<i>Truck traffic fatalities <u>avoided</u> due to CVISN Roadside enforcement</i>	<b>8</b>

### **Electronic Credentialing**

At this time, the five of the largest interstate motor carriers based in Washington are using the program. This Internet-based program is now accepting additional carriers, including service bureaus which maintain many accounts on behalf of interstate motor carriers. As of March 2002, 64 carriers have requested to participate in the program.

For the period October 2001 through February 2002, the following transactions have occurred:

- 1,381 vehicles renewed out of a total of 26,000
- 99 transactions processed in which one or more vehicles were added to an existing fleet
- 78 plate replacement transactions
- 13 gross weight increase transactions
- 18 deletion transactions of one or more vehicles from an existing fleet
- 53 vehicle or fleet correction/change transactions

Additionally, motor carriers have been offered the opportunity to:

- File original tax returns
- File amended tax returns
- Have inquiry access to their account data

**Recommendation:** CVISN is in production; deployment has slowed due to state budget constraints. DIS recommends that ISB oversight of this project be terminated. WSDOT, as project lead for WSP and DOL, will still be expected to complete a Post Implementation Review after final deployment.